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Reviewers are selected by the Editors among the IBRACON members with recognized competence in the specific field of each contribution. They are acknowledged at the end of each volume.

The second issue of 2019 of the IBRACON Structures and Materials Journal (Volume 12 Number 2, April 2019) is now available, with twelve articles. The first article discusses the optimization of the replacement content of Portland cement by stone powder using particle packing methods, and analysis of the influence of the excess water on the consistency of pastes. The second article discusses the theoretical basis of ACI 440.2R: 2008 and NBR 6118: 2014 related to the analysis of reinforced concrete beams strengthened with CFRP. The third article intends to evaluate the technical viability and application of fiber-reinforced polymers with sisal fibers for strengthening reinforced concrete structures. The fourth article describes experimental research on short reinforced steel fiber concrete beams, aiming at investigating shear stresses, bending, strain energy, toughness, scale effect and fracture energy. A methodology is presented in the fifth article for dynamic analysis of structures under wind loading, considering geometric nonlinearity, vibration caused by the kinetic energy of wind gusts, and aerodynamic damping. The seventh article presents experimental and theoretical analyses of circular concrete-filled steel tube columns using bolts as shear connectors. The eighth article aims to evaluate the effects of superplasticizer admixture with nanosilica in colloidal suspension on the consistency and mechanical strength of the concrete. In the ninth article, the improved version of the lumped damage model is coupled to the Monte Carlo simulation method to represent the mechanical-probabilistic behavior of reinforced concrete structures. The effect of temperature gradients on the behavior of jointed plain concrete pavements is the topic for the tenth article. In the eleventh article, numerical analyses are conducted on nine models with different patterns of irregularity in terms of geometry and stiffness. The objective is to evaluate the applicability of the  $\chi_r$  parameter in structures that have asymmetric geometries and that can present torsional as the fundamental mode of vibration. This issue closes with an article intended to evaluate, through experimental and finite element analyses, the effects of specimen shape and size on uniaxial compression tests.

We congratulate authors and reviews for the quality of this issue.

### The Editors